

Converting Colors

CIELCh(68, 9.453, 37.788)

Have a look what the booklet for
CIELCh(68, 9.453, 37.788) contains.

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Color

CIELCh(68, 9.475, 36.879)

Conversions

Conversions Part 1

Format	Color
Hex	B8A19C
RGB	184, 161, 156
RGB Percent	72%, 63%, 61%
CMY	0.2793, 0.3694, 0.3891
CMYK	0.00, 0.13, 0.15, 0.28
HSL	11°, 16%, 67%
HSV	11°, 15%, 72%
XYZ	38.4055, 37.9720, 36.6639
YIQ	167.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

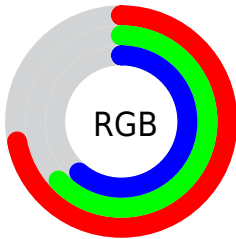
Format	Color
RYB	184, 162, 156
Decimal	12099996
CIELab	68.00, 7.58, 5.69
CIElCh	68, 9.475, 36.879
Yxy	37.9720, 0.3397, 0.3359
Android (android.graphics.Color)	4290290076 (0xFFB8A19C)
YUV	167.3070, -5.5744, 14.6398
Hunter-Lab	61.6215, 3.4124, 7.8583

Details

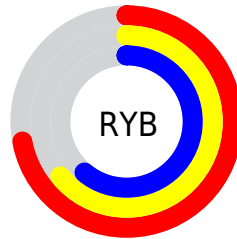
The CIELCh color $68, 9.475, 36.879$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.586, 217.427$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.436, 39.193$, and $48, 9.684, 34.386$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.358, 37.002$, and if you desaturate by 10%, it is $72, 3.123, 36.817$.

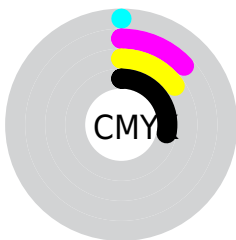
Distribution



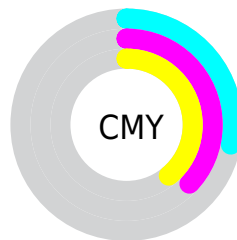
- Red (72%)
- Green (63%)
- Blue (61%)



- Red (72%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.475, 36.879 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 9.475, 36.879 by changing the saturation by 10% instead.

68, 9.475, 36.879

68, 9.475, 36.879

100, 9.475, 36.879

58, 9.475, 36.879

88, 9.475, 36.879

48, 9.475, 36.879

98, 9.475, 36.879

38, 9.475, 36.879

28, 9.475, 36.879

18, 9.475, 36.879

8, 9.475, 36.879

0, 9.475, 36.879

68, 9.475, 36.879

68, 9.475, 36.879

64, 16.358, 37.002

72, 3.123, 36.817

60, 23.810, 37.258	77, 2.740, 217.297
56, 31.838, 37.709	81, 8.165, 217.368
52, 40.411, 38.398	86, 13.202, 217.589
48, 49.427, 39.348	90, 17.896, 217.858
45, 58.652, 40.521	95, 21.747, 203.063
43, 67.569, 41.726	96, 22.909, 198.005
41, 75.064, 42.438	
40, 78.254, 42.890	

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 9.475, 36.879



71, 8.586, 217.427

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 9.475, 36.879



68, 9.475, 86.879



68, 9.475, 216.879



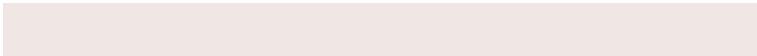
68, 9.475, 266.879

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 9.474, 36.892



92, 3.702, 36.813



67, 16.622, 330.294



48, 2.531, 36.828



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 9.474, 36.892



85, 14.071, 36.914



72, 10.767, 89.216



36, 3.437, 36.864



34, 68.762, 43.063



3, 9.440, 31.765

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 8.586, 217.427



90, 12.479, 217.523



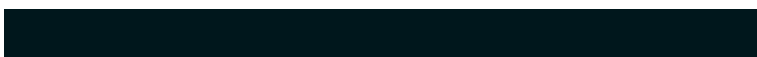
68, 10.739, 273.204



38, 3.242, 217.298



49, 30.133, 230.395



6, 8.598, 225.759

Previews

White Background



This preview shows how the CIELCh color 68, 9.475, 36.879 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 9.475, 36.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

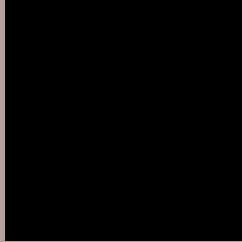
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 9.475, 36.879

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.475, 36.879.



This preview shows how white text looks on a background with the CIELCh color 68, 9.475, 36.879.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68, 9.475, 36.879

Protanopia

68, 4.473, 78.467

Deuteranopia

68, 10.500, 32.260



Tritanopia
68, 12.861, 346.917

Trichromacy



Original Color
68, 9.475, 36.879

Protanomaly
68, 6.040, 52.683

Deuteranomaly
68, 10.106, 32.704

Tritanomaly
68, 10.571, 2.257

Monochromacy



Original Color
68, 9.475, 36.879

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.251, 39.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.475, 36.879 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.475, 36.879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 161, 156) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(184, 161, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(184, 161, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.475, 36.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
161, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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